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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/736,481	12/15/2003	Yong-San Yoon	9951-001US	3468
22897	7590	11/09/2007	EXAMINER	
DEMONT & BREYER, LLC			CUMBERLEDGE, JERRY L	
100 COMMONS WAY, Ste. 250			ART UNIT	PAPER NUMBER
HOLMDEL, NJ 07733			3733	
MAIL DATE		DELIVERY MODE		
11/09/2007		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No.	Applicant(s)
	10/736,481	YOON ET AL.
Examiner	Art Unit	
Jerry Cumberledge	3733	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) Responsive to communication(s) filed on 04 September 2007.

2a) This action is **FINAL**. 2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) Claim(s) 1 and 6 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5) Claim(s) _____ is/are allowed.

6) Claim(s) 1 and 6 is/are rejected.

7) Claim(s) 1 and 6 is/are objected to.

8) Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on 15 December 2003 is/are: a) accepted or b) objected to by the Examiner.

 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) All b) Some * c) None of:
1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. _____.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) Notice of References Cited (PTO-892) 4) Interview Summary (PTO-413)
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) Paper No(s)/Mail Date. ____ .
3) Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date ____ . 5) Notice of Informal Patent Application
6) Other: ____ .

DETAILED ACTION

Claim Objections

Claims 1 and 6 are objected to because of the following informalities:

In claim 1, line 2 Applicant states "...first to third probe rods..." This is ambiguous and should be changed to "...first, second and third probe rods..."

In claim 1, Applicant states "...a T-shaped supporter slidably connected to the probe rods to change a first plane formed by the three positions..." It appears from Applicant's drawings that the T-shaped supporter does not change the plane, but rather changes the distance between ends of the probe rods. Further clarification or correction of this phrase is required. For examination purposes, the claim will be considered to be directed towards changing the distance between the ends of the probe rods.

In claim 1, Applicant states "...a third guide bar of a predetermined width located on the same plane as the first and second guide bars..." The phrasing of the "same plane" should be changed in order to be consistent with the other references to planes (i.e. the same plane appears to be the second plane). Appropriate correction is required.

In claim 1, Applicant states "...a third guide bar of a predetermined width located on the same plane as the first and second guide bars at right angles to the first and second guide bars on the second plane..." It appears that commas or other modifiers (e.g. "and") are needed in this statement. For example, "...a third guide bar of a predetermined width located on the same plane as the first and second guide bars *and* at right angles to the first and second guide bars on the second plane".

Appropriate correction is required.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1 and 6 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claim 1 recites the limitation "the coaxial line" in line 8. There is insufficient antecedent basis for this limitation in the claim.

Claim 1 recites the limitation "the center point " in line 9. There is insufficient antecedent basis for this limitation in the claim.

Claim 1 recites the limitation "the center point" in line 14. There is insufficient antecedent basis for this limitation in the claim.

Claim 1 recites the limitation "the center point" in line 16. There is insufficient antecedent basis for this limitation in the claim.

Claim 1 recites the limitation "the center point" in line 20. There is insufficient antecedent basis for this limitation in the claim.

Claim 1 recites the limitation "the second probe rod" in line 25. There is insufficient antecedent basis for this limitation in the claim.

Claim 1 recites the limitation "the second probe rod" in line 40. There is insufficient antecedent basis for this limitation in the claim.

Claim 6 recites the limitation "the other end of the fixing member" in line 40.

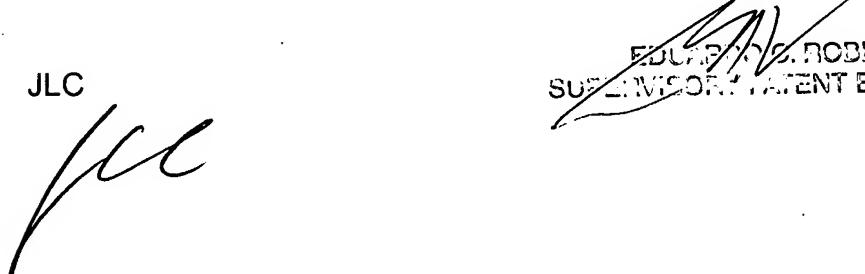
There is insufficient antecedent basis for this limitation in the claim.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerry Cumberledge whose telephone number is (571) 272-2289. The examiner can normally be reached on Monday - Friday, 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Eduardo Robert can be reached on (571) 272-4719. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

JLC

EDUARDO S. ROBERT
SUPERVISORY PATENT EXAMINER